

[54] **SHIELDING TECHNIQUE FOR DIGITIZERS**

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[56] **References Cited**

U.S. PATENT DOCUMENTS

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[57] **ABSTRACT**

A shield for use in eliminating edge effects from an

electromagnetic digitizer having an active area of a grid of wires surrounded by a peripheral area of connecting wires containing sensitive interconnecting circuitry. The shield is a pan-shaped shield of a non-ferrous metal sized and shaped to fit over the underside of the grid of wires and surrounding area of connecting wires. The shield comprises a center section disposed over the active area of the grid wires and spaced from the active area so as to provide no interference with the operation thereof and an outer peripheral shielding lip that is disposed in close-spaced, non-contacting relationship to the areas of sensitive interconnecting circuitry contained within the connecting wires. The preferred shield is formed of a single blank of aluminum sheet having peripheral edge portions thereof bent into non-connected, abutting relationship at corners thereof to form the outer peripheral shielding lip.

5 Claims, 2 Drawing Sheets

